

Title (en)
CONTROL DEVICE FOR A RAIL VEHICLE

Title (de)
STEUERVORRICHTUNG FÜR EIN SCHIENENFAHRZEUG

Title (fr)
DISPOSITIF DE COMMANDE POUR UN VÉHICULE FERROVIAIRE

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Application
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Abstract (en)
[origin: WO2009127597A1] The invention relates to a control device for a vehicle, in particular a rail vehicle, comprising a traction control system (104.1 - 104.4) for controlling traction equipment of the vehicle, a braking control system (108.1, 108.2) for controlling braking equipment of the vehicle and primary first vehicle control system (109.1) for controlling the traction control system (104.1 - 104.4) and the braking control system (108.1, 108.2) by way of a first control path (110), in particular a data bus system, wherein the first vehicle control system (109.1) is configured for controlling the traction control system (104.1 - 104.4) and the braking control system (108.1, 108.2) during normal operation of the control device in such a way that in a recognized emergency situation a control action that effects the activation of the braking equipment occurs preferentially before a control action that effects the activation of the traction equipment. A second vehicle control system (109.2) is provided for controlling the traction control system (104.1 through 104.4) and the braking control system (108.1, 108.2) by way of a second control path (115), wherein the second control path (115) is different from the first control path (110), the control device is configured for deactivating the first vehicle control system (109.1) and activating the second vehicle control system (109.2) during a special operating state, and the second vehicle control system (109.2) is configured for controlling the traction control system (104.1 through 104.4) and the braking control system (108.1, 108.2) during the special operating state in such a way that a control action that effects the activation of the traction equipment occurs preferentially before a control action that effects the activation of the braking equipment.

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